



LFU

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: SHIMADA, Takashi, et al.

Group Art Unit: 3722

Serial No.: 10/668,184

Examiner: Willmon FRIDIE, JR.

Filed: September 24, 2003

P.T.O. Confirmation No.: 4042

For: VERTICAL MACHINE TOOL WITH A MOVABLE MAIN SPINDLE

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:


July 21, 2004

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449, which were cited in a corresponding EPO Office Action, a copy of which is also enclosed. One copy of each of these documents is attached.

This application was allowed on May 6, 2004. However, no fee is required because Applicants merely wish to have these references placed in the above-identified file.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP


William G. Kratz, Jr.
Attorney for Applicant
Reg. No. 22,631

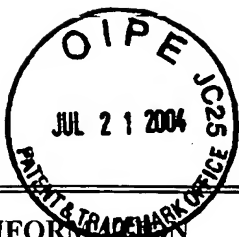
WGK/nrp
Atty. Docket No. 031194
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449, EPO Office Action and references (8)



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 031194	Serial No. 10/668,184
	Applicant(s): SHIMADA, Takashi, et al.	
	Filing Date: September 24, 2003	Group Art Unit: 3722

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	6,276,245	Yoshino et al.	8/21/01			
_____	AB	5,343,789	Richardson	9/06/94			
_____	AC	4,034,632	Lohner	7/12/77			
_____	AD						
_____	AE						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AF	11-10407	1/19/99	Japan	Abstract only
_____	AG	2001-341003	12/11/01	Japan	Abstract only
_____	AH	61-293701	12/24/86	Japan	Abstract only
_____	AI	2,220,334	4/10/74	France	No
_____	AJ	1,480,287	3/29/66	France	No

OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner	Date Considered	